

ABSTRACT OF THE DISCLOSURE

Disclosed is a cutting machine including at least a chuck table for fixedly holding a workpiece to be diced, an X-axial feeder means for feeding the chuck table bearing the workpiece thereon in the X-axial direction, and first and second cutting means each having a spindle arranged in Y-axial direction, perpendicular to the X-axial direction. The first and second cutting means are so arranged that the rotary axes of the spindles may be aligned with each other with their rotary blades facing each other. Each rotary blade comprises a circular cutting blade having an annular hub integrally connected to one side. Each spindle has the rotary blade mounted with its hub directed inside, leaving no projection outside, thus permitting each cutting blade to face the counter cutting blade without anything intervening therebetween. This arrangement permits the counter rotary blades to get close to each other, permitting them to be aligned with two adjacent streets running at a minimum interval on the workpiece.